

DYEINGS FAST TO MILLING
ON
WORSTED YARN



CASSELLA COLOR COMPANY

182 and 184 Front Street,
NEW YORK.

Boston: 68 Essex Street.

Philadelphia: 126 and 128 South Front Street.

Providence: 64 Exchange Place.

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DYEINGS FAST TO MILLING
ON
WORSTED YARN.



FRANKFURT
CASSELLA COLOR COMPANY

182 AND 184 FRONT STREET

NEW YORK

BOSTON: 68 ESSEX STREET

PHILADELPHIA: 126 AND 128 SOUTH FRONT STREET

PROVIDENCE: 64 EXCHANGE PLACE

ATLANTA: 47 NORTH PRYOR STREET

MONTREAL, CANADA: 86 AND 88 YOVILLE SQUARE.



Этот текст является
Автоматическим

Directions for Dyeing.

A. Chrome Colours dyed according to the One-bath Method.

1. After-chromed Dyeings.

Mode Shades, Brown, Olive, Blue etc. and Black.

Dyeings Nos 1—53 and 58—124.

Starting the Dyeing with Acetic Acid. Charge the bath with 10% Glauber's salt, 2—3% acetic acid and the requisite quantities of dyestuff, enter the well cleaned yarn at 45—50° C. (115—120 deg. F.), raise in 20 to 30 minutes to the boil, and after 1/2 hour's boiling exhaust the bath by the gradual addition of 1—4% sulphuric acid; then cool off a little, and chrome for 1/2 to 3/4 hour at the boil with one-half to two-thirds the quantity of bichromate of potash as of dyestuff.

For producing blacks, the dyeing may be commenced at 70° C. (160 deg. F.) and the bath be brought to the boil at once.*

A large number of the patterns, especially Nos 9, 13, 21, 22, 29, 41—45, 47, 49, 53, 65, 66, 69, 70, 81—84, 87, 88, 91—104, 114, 123, 124 may also be dyed direct with sulphuric acid according to the following instructions:

Starting the Dyeing with Sulphuric Acid. Charge the bath with 1—4% sulphuric acid, according to the depth of shade, and the requisite quantity of dyestuff, enter the well cleaned yarn at about 50° C. (120 deg. F.) raise in 20 to 30 minutes to the boil and continue boiling for one hour; then cool off, and chrome for 3/4 hour at the boil with about one-half to two-thirds the quantity of bichromate of potash as of dyestuff used.

Generally the same quantity of sulphuric acid as of dyestuff is used, but at least 1% and not more than 4%, or 5% for black; for Anthracene Chrome Brown D, A and SWN however not more than 3% sulphuric acid should be used.

* When dyeing in calcareous water, the bath for Anthracene Chrome Black F and FE is charged with 2% oxalate of ammonia before adding the dyestuff and acid.

When dyeing with Anthracene Chrome Violet B, Anthracene Chrome Blue R, B, BB, G, F, FR, Anthracene Acid Blue BB, 3B, BBN, RT, Anthracene Acid Black SR, SRG, SA, SBB, Anthracene Chrome Black P extra and PR extra in vessels or machines made of copper, the dyebath is first heated to 50° C. (120 deg. F.) and charged with 1/2% sulphocyanide of ammonia (calculated on the weight of the wool); it is then stirred thoroughly, and left standing for 20 minutes before adding the Glauber's salt, acid and dyestuff.

2. Dyeing with the direct Addition of Bichromate of Potash.

Patterns Nos 135—140.

Charge the dyebath with the requisite quantities of dyestuff and bichromate of potash (one-half to two-thirds of the quantity of dyestuff); enter the goods at 70—80° C. (160—175 deg. F.), raise in 1/4 hour to the boil, after 1/2 hour's boiling add 2—3% acetic acid, and allow to boil for another 3/4 to 1 1/4 hour.

Dyestuff and bichromate of potash should be dissolved separately and be added consecutively to the bath.

B. Chrome Colours on Chromed Wool.

Patterns Nos 54—59 and 141—164.

Mordant the yarn for 1 1/2 hour at the boil with

1 1/2—4 % bichromate of potash and
1 1/2—3 % tartar*,

according to the depth of shade, rinse, and dye in a fresh bath with the addition of

1 —3 % acetic acid or
5 % acetate of ammonia (for very pale shades).

Enter the goods at 40—50° C. (105—120 deg. F.), raise in 1/2 hour to the boil, and continue boiling for 1 1/2 to 2 hours; some acetic or formic acid may, if necessary, be added after about 1 hour's boiling in order to exhaust the baths.

For securing the best possible fastness to milling and alkalies, it is advisable to after-chrome dark shades in the exhausted dyebath for 20 to 30 minutes at the boil with

1/2—3/4% bichromate of potash.

Anthracene Chrome Blue BW extra and RRW extra should be dissolved by stirring the dyestuff to a paste with some ammonia (about 6 oz ammonia to every lb of dyestuff) and then adding hot water. *Anthracene Acid Blue RR* is dissolved in water heated to 50—60° C. (120—140 deg. F.).

* For mordanting purposes, corresponding quantities of formic acid, lactic acid or lactoline may be used in the place of tartar.

Regarding the dyeing in vessels or machines made of copper see the remarks sub A. 1.

C. Acid Dyestuffs fast to Milling

(which may also be used as shading products for the Chrome Colours).

Patterns Nos 125—131

Charge the dyebath with

10% cryst. Glauber's salt,
2— 4% acetic acid and the dyestuff,

enter the well cleaned yarn at 50° C. (120 deg. F.), raise in 1/2 hour to the boil, and exhaust the bath after 1/2 to 3/4 hour's boiling by the gradual addition of 3—5% acetic acid, or of 3—5% bisulphate of soda, or 1—2% sulphuric acid for dark shades.

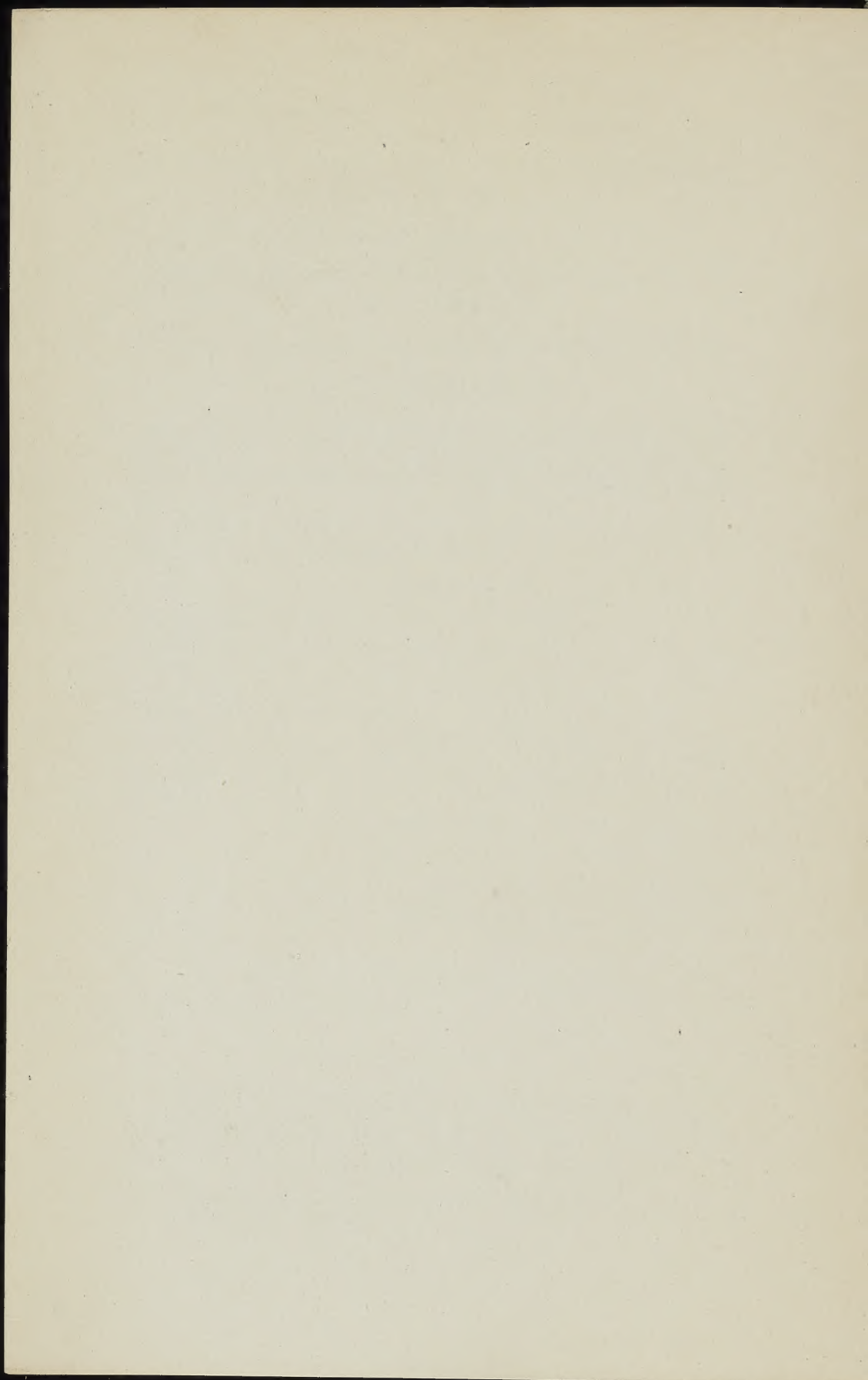
D. Diamine Colours.

Patterns Nos 132—134.

Dye with the addition of 10—20% cryst. Glauber's salt, enter the goods at 40—60° C. (105—140 deg. F.), raise to the boil, and continue boiling for 3/4 to 1 hour; if necessary, exhaust the bath by the gradual addition of 1—4% acetic acid.

Diamine Fast Red F dyeings are after-chromed for 1/2 hour at the boil in the exhausted dyebath.

Without guarantee.



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1		9	
0,5 0/0 Anthracene Blue Black C pat. 0,3 0/0 bichromate of potash.		0,5 0/0 Anthracene Chrome Brown SWN pat. 0,3 0/0 bichromate of potash.	
2		10	
2 0/0 Anthracene Blue Black C pat. 1 0/0 bichromate of potash.		0,5 0/0 Anthracene Blue Black C pat. 0,34 0/0 Anthracene Yellow BN 1,15 0/0 Anthracene Chrome Brown D pat. 1,25 0/0 bichromate of potash.	
3		11	
4 0/0 Anthracene Blue Black C pat. 2 0/0 bichromate of potash.		0,9 0/0 Anthracene Blue Black C pat. 0,27 0/0 Anthracene Yellow BN 2,25 0/0 Anthracene Chrome Brown D pat. 2 0/0 bichromate of potash.	
4		12	
0,3 0/0 Anthracene Blue Black C pat. 0,02 0/0 Anthracene Acid Brown G pat. 0,08 0/0 Anthracene Chrome Brown D pat. 0,25 0/0 bichromate of potash.		0,05 0/0 Anthracene Blue Black C pat. 0,02 0/0 Anthracene Yellow BN 0,23 0/0 Anthracene Chrome Brown SWN pat. 0,25 0/0 bichromate of potash.	
5		13	
0,75 0/0 Anthracene Blue Black C pat. 0,08 0/0 Anthracene Acid Brown G pat. 0,25 0/0 Anthracene Chrome Brown D pat. 0,75 0/0 bichromate of potash.		1,5 0/0 Anthracene Chrome Brown SWN pat. 1 0/0 bichromate of potash.	
6		14	
2,2 0/0 Anthracene Blue Black C pat. 0,45 0/0 Anthracene Chrome Red A 1,75 0/0 bichromate of potash.		1 0/0 Anthracene Blue Black C pat. 0,8 0/0 Anthracene Yellow BN 4 0/0 Anthracene Chrome Brown D pat. 3 0/0 bichromate of potash.	
7		15	
0,25 0/0 Anthracene Blue Black C pat. 0,15 0/0 Anthracene Chrome Red A 0,02 0/0 Anthracene Yellow BN 0,25 0/0 bichromate of potash.		0,05 0/0 Anthracene Blue Black C pat. 0,06 0/0 Anthracene Yellow BN 0,25 0/0 Anthracene Chrome Brown D pat. 0,25 0/0 bichromate of potash.	
8		16	
1 0/0 Anthracene Blue Black C pat. 0,08 0/0 Anthracene Chrome Red A 0,18 0/0 Anthracene Acid Brown G pat. 0,8 0/0 bichromate of potash.		0,2 0/0 Anthracene Blue Black C pat. 0,2 0/0 Anthracene Yellow BN 1 0/0 Anthracene Chrome Brown D pat. 1 0/0 bichromate of potash.	

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17

0,3 0/10 Anthracene Blue Black C
pat.
0,15 0/10 Anthracene Yellow BN
0,05 0/10 Anthracene Chrome
Brown D pat.
0,3 0/10 bichromate of potash.



18

1 0/10 Anthracene Blue Black C
pat.
0,3 0/10 Anthracene Yellow BN
0,1 0/10 Anthracene Chrome Red A
0,8 0/10 bichromate of potash.



19

0,9 0/10 Brilliant Milling Green B
1,5 0/10 Anthracene Blue Black C
pat.
0,9 0/10 Anthracene Yellow BN
1,75 0/10 bichromate of potash.



20

1 0/10 Anthracene Blue Black C
pat.
0,2 0/10 Anthracene Yellow BN
0,8 0/10 bichromate of potash.



21

2,8 0/10 Anthracene Chrome Blue
G pat.
1,8 0/10 Anthracene Yellow BN
0,8 0/10 Brilliant Milling Green B
2,8 0/10 bichromate of potash.



22

2,8 0/10 Anthracene Chrome Blue
BB pat.
1 0/10 Anthracene Yellow BN
1,8 0/10 Brilliant Milling Green B
3 0/10 bichromate of potash.



23

1,2 0/10 Anthracene Blue Black C
pat.
1 0/10 Anthracene Acid Brown G
1,25 0/10 bichromate of potash.



24

2,5 0/10 Anthracene Blue Black C
pat.
1,25 0/10 Anthracene Yellow BN
0,9 0/10 Anthracene Chrome
Brown D pat.
2,5 0/10 bichromate of potash.



25

1,2 0/10 Anthracene Chrome
Brown SWN pat.
0,6 0/10 Anthracene Blue Black C
pat.
0,8 0/10 Anthracene Yellow BN
1,5 0/10 bichromate of potash.



26

1 0/10 Anthracene Blue Black C
pat.
0,4 0/10 Anthracene Yellow BN
1,5 0/10 Anthracene Chrome
Brown D pat.
2,25 0/10 bichromate of potash.



27

2 0/10 Anthracene Blue Black C
pat.
0/10 Anthracene Chrome Red
0/10 Anthracene Yellow BN
2,5 0/10 bichromate of potash.



28

0,4 0/10 Anthracene Blue Black C
pat.
0,45 0/10 Anthracene Acid Brown G
pat.
2,5 0/10 Anthracene Chrome
Brown SWN pat.
2 0/10 bichromate of potash.



29

0,38 0/10 Anthracene Yellow BN
0,25 0/10 Anthracene Chrome
Brown D pat.
1,25 0/10 Anthracene Chrome Blue
BB pat.
1,5 0/10 bichromate of potash.



30

1,6 0/10 Anthracene Blue Black C
pat.
0,16 0/10 Anthracene Yellow BN
1,4 0/10 Anthracene Chrome
Brown D pat.
1,8 0/10 bichromate of potash.



31

1,7 0/10 Anthracene Blue Black C
pat.
0,24 0/10 Anthracene Acid Brown G
pat.
1,3 0/10 Anthracene Chrome
Brown SWN pat.
2 0/10 bichromate of potash.



32

3 0/10 Anthracene Blue Black C
pat.
0,5 0/10 Anthracene Yellow BN
0/10 Anthracene Chrome
Brown D pat.
3 0/10 bichromate of potash.



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33

0,5 0/0 Anthracene Blue Black C
pat.
0,8 0/0 Anthracene Acid Brown G
pat.
2 0/0 Anthracene Chrome
Brown SWN pat.
2,25 0/0 bichromate of potash.

34

0,85 0/0 Anthracene Blue Black C
pat.
0,85 0/0 Anthracene Yellow BN
2,4 0/0 Anthracene Chrome
Brown D pat.
2,5 0/0 bichromate of potash.

35

0,75 0/0 Anthracene Blue Black C
pat.
1 0/0 Anthracene Acid Brown G
pat.
4,8 0/0 Anthracene Chrome
Brown D pat.
3 0/0 bichromate of potash.

36

2 0/0 Anthracene Blue Black C
pat.
5 0/0 Anthracene Chrome
Brown SWN pat.
3,5 0/0 bichromate of potash.

37

0,6 0/0 Anthracene Blue Black C
pat.
1,2 0/0 Anthracene Acid Brown G
pat.
2,4 0/0 Anthracene Chrome
Brown SWN pat.
2,5 0/0 bichromate of potash.

38

1,75 0/0 Anthracene Blue Black C
pat.
1,5 0/0 Anthracene Yellow BN
2 0/0 Anthracene Chrome
Brown D pat.
3 0/0 bichromate of potash.

39

1 0/0 Anthracene Blue Black C
pat.
0,75 0/0 Anthracene Acid Brown G
pat.
4,75 0/0 Anthracene Chrome
Brown SWN pat.
3 0/0 bichromate of potash.

40

1 0/0 Anthracene Blue Black C
pat.
4 0/0 Anthracene Chrome
Brown SWN pat.
2 0/0 Anthracene Chrome Red A
3,5 0/0 bichromate of potash.

41

1 0/0 Anthracene Chrome Red A
1 0/0 Anthracene Chrome Violet
3,5 0/0 Anthracene Yellow BN
3,5 0/0 bichromate of potash.

42

0,9 0/0 Anthracene Chrome Violet
1,5 0/0 Wool Red B
3 0/0 bichromate of potash.

43

0,5 0/0 Anthracene Chrome Red A
1,3 0/0 Anthracene Chrome Violet
3,6 0/0 bichromate of potash.

44

2,75 0/0 Anthracene Chrome Red
3,5 0/0 Anthracene Chrome Violet
3,5 0/0 bichromate of potash.

45

2,5 0/0 Anthracene Chrome Violet
2 0/0 Formyl Violet S 4 B.
3 0/0 bichromate of potash.

46

2,5 0/0 Anthracene Chrome Violet
0,5 0/0 Formyl Violet S 4 B
2,5 0/0 Anthracene Acid Blue
BN pat.
3 0/0 bichromate of potash.

47

4,75 0/0 Anthracene Chrome Blue
F pat.
1,25 0/0 Formyl Violet S 4 B
3 0/0 bichromate of potash.

48

5 0/0 Anthracene Acid Blue R T
pat.
1,25 0/0 Brilliant Milling Blue B
pat.
2,75 0/0 bichromate of potash.

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49

4 $\frac{0}{10}$ Anthracene Chrome Blue
F.R. pat.
3 $\frac{0}{10}$ bichromate of potash.

50

4 $\frac{0}{10}$ Anthracene Chrome Blue
F.R. pat.
3 $\frac{0}{10}$ bichromate of potash.

51

5,5 $\frac{0}{10}$ Anthracene Acid Blue
B.B.N. pat.
3 $\frac{0}{10}$ bichromate of potash.

52

4 $\frac{0}{10}$ Anthracene Chrome Blue
F.R. pat.
1,5 $\frac{0}{10}$ Brilliant Milling Blue B
pat.
3 $\frac{0}{10}$ bichromate of potash.

53

4 $\frac{0}{10}$ Anthracene Chrome Blue
H.B. pat.
0,65 $\frac{0}{10}$ Formyl Violet S 4 B
pat.
2,5 $\frac{0}{10}$ bichromate of potash.

54

1 $\frac{0}{10}$ Anthracene Chrome Blue
B.W. extra pat.
on a chrome mordant.

55

2,5 $\frac{0}{10}$ Anthracene Chrome Blue
R.R.W. extra pat.
0,6 $\frac{0}{10}$ Anthracene Acid Blue R.R.
pat.
on a chrome mordant.

56

3 $\frac{0}{10}$ Anthracene Chrome Blue
R.R.W. extra pat.
0,75 $\frac{0}{10}$ Anthracene Acid Blue R.R.
pat.
on a chrome mordant.

57

1 $\frac{0}{10}$ Anthracene Chrome Blue
G. pat.
3 $\frac{0}{10}$ Anthracene Chrome Blue
B.W. extra pat.
on a chrome mordant.

58

4 $\frac{0}{10}$ Anthracene Chrome Blue
R.R.W. extra pat.
on a chrome mordant.

59

2 $\frac{0}{10}$ Anthracene Chrome Blue
R.L. pat.
1 $\frac{0}{10}$ Anthracene Chrome Blue
R.R.W. extra pat.
on a chrome mordant.

60

5,5 $\frac{0}{10}$ Anthracene Chrome Black
F. pat.
1,75 $\frac{0}{10}$ bichromate of potash.

61

7 $\frac{0}{10}$ Anthracene Chrome Black
P. extra pat.
2,5 $\frac{0}{10}$ bichromate of potash.

62

8 $\frac{0}{10}$ Anthracene Chrome Black
P.F.B.B. extra pat.
2,5 $\frac{0}{10}$ bichromate of potash.

63

7 $\frac{0}{10}$ Anthracene Chrome Black
P.F.B. extra pat.
2,5 $\frac{0}{10}$ bichromate of potash.

64

7,5 $\frac{0}{10}$ Anthracene Chrome Black
P.F.R. extra pat.
2,5 $\frac{0}{10}$ bichromate of potash.

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65

1 0/10 Anthracene Yellow B N
0,75 0/10 bichromate of potash.

66

3 0/10 Anthracene Yellow B N
2 0/10 bichromate of potash.

67

1 0/10 Anthracene Yellow C
0,75 0/10 bichromate of potash.

68

3 0/10 Anthracene Yellow C
2 0/10 bichromate of potash.

69

1 0/10 Anthracene Acid Brown G
0,75 0/10 bichromate of potash.

70

3 0/10 Anthracene Acid Brown G
2 0/10 bichromate of potash.

71

1 0/10 Anthracene Acid Brown R
0,5 0/10 bichromate of potash.

72

3 0/10 Anthracene Acid Brown R
1,5 0/10 bichromate of potash.

73

1 0/10 Anthracene Acid Brown N
0,5 0/10 bichromate of potash.

74

3 0/10 Anthracene Acid Brown N
1,5 0/10 bichromate of potash.

75

1 0/10 Anthracene Acid Brown
0,5 0/10 bichromate of potash.

76

3 0/10 Anthracene Acid Brown
1,5 0/10 bichromate of potash.

77

1 0/10 Anthracene Acid Brown
0,5 0/10 bichromate of potash.

78

3 0/10 Anthracene Acid Brown
1,5 0/10 bichromate of potash.

79

1 0/10 Anthracene Chrome
0,75 0/10 bichromate of potash.

80

3 0/10 Anthracene Chrome
2 0/10 bichromate of potash.

81

1 0/10 Anthracene Chrome
0,75 0/10 bichromate of potash.

82

3 0/10 Anthracene Chrome
2 0/10 bichromate of potash.

83

1 0/10 Anthracene Chrome
0,75 0/10 bichromate of potash.

84

3 0/10 Anthracene Chrome
2 0/10 bichromate of potash.

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85

1 0/10 Anthracene Chrome
Brown DW N
0,75 0/10 bichromate of potash.

86

3 0/10 Anthracene Chrome
Brown DW N
2 0/10 bichromate of potash.

87

1 0/10 Anthracene Chrome DW
0,75 0/10 bichromate of potash.

88

3 0/10 Anthracene Chrome
Brown DW N
2 0/10 bichromate of potash.

89

1 0/10 Anthracene Blue Black C
0,5 0/10 bichromate of potash.

90

3 0/10 Anthracene Blue Black C
1,5 0/10 bichromate of potash.

91

1 0/10 Anthracene Chrome Red
0,75 0/10 bichromate of potash.

92

3 0/10 Anthracene Chrome Red
2 0/10 bichromate of potash.

93

1 0/10 Anthracene Chrome Violet
0,75 0/10 bichromate of potash.

94

3 0/10 Anthracene Chrome Violet
2 0/10 bichromate of potash.

95

1 0/10 Anthracene Chrome Blue
0,75 0/10 bichromate of potash.

96

3 0/10 Anthracene Chrome Blue
2 0/10 bichromate of potash.

97

1 0/10 Anthracene Chrome Blue
0,75 0/10 bichromate of potash.

98

3 0/10 Anthracene Chrome Blue
2 0/10 bichromate of potash.

99

1 0/10 Anthracene Chrome Blue
0,6 0/10 bichromate of potash.

100

3 0/10 Anthracene Chrome Blue
1,75 0/10 bichromate of potash.

101

1 0/10 Anthracene Chrome Blue
0,5 0/10 bichromate of potash.

102

3 0/10 Anthracene Chrome Blue
1,5 0/10 bichromate of potash.

103

1 0/10 Anthracene Chrome Blue
0,75 0/10 bichromate of potash.

104

3 0/10 Anthracene Chrome Blue
2 0/10 bichromate of potash.

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105

1 0/0 Anthracene Chrome Blue
PR pat.
0,75 0/0 bichromate of potash.

106

3 0/0 Anthracene Chrome Blue
PR pat.
2 0/0 bichromate of potash.

107

1 0/0 Anthracene Acid Blue
BBN pat.
0,75 0/0 bichromate of potash.

108

3 0/0 Anthracene Acid Blue
BBN pat.
2 0/0 bichromate of potash.

109

1 0/0 Anthracene Acid Blue B
pat.
0,75 0/0 bichromate of potash.

110

3 0/0 Anthracene Acid Blue B
pat.
2 0/0 bichromate of potash.

111

1 0/0 Anthracene Acid Blue RT
pat.
0,75 0/0 bichromate of potash.

112

3 0/0 Anthracene Acid Blue RT
pat.
2 0/0 bichromate of potash.

113

3 0/0 Anthracene Acid Blue B
pat.
2 0/0 bichromate of potash.

114

3 0/0 Azo Chrome Blue T
2 0/0 bichromate of potash.
1 0/0 sulphuric acid.

115

5 0/0 Anthracene Chrome Black
5B pat.
2 0/0 bichromate of potash.

116

7,5 0/0 Anthracene Chrome Black
P extra pat.
2,5 0/0 bichromate of potash.

117

7,5 0/0 Anthracene Chrome Black
PF extra pat.
2,5 0/0 bichromate of potash.

118

7,5 0/0 Anthracene Chrome Black
PPN extra pat.
2,5 0/0 bichromate of potash.

119

7,5 0/0 Anthracene Chrome Black
PR extra pat.
2,5 0/0 bichromate of potash.

120

5 0/0 Anthracene Chrome Black
FE pat.
1,5 0/0 bichromate of potash.

121

5 0/0 Anthracene Acid Black
DSN
1,5 0/0 bichromate of potash.

122

5 0/0 Anthracene Acid Black
DNG pat.
1,5 0/0 bichromate of potash.

123

5 0/0 Anthracene Acid Black
SR pat.
2,5 0/0 bichromate of potash.

124

7 0/0 Anthracene Acid Black
SBB pat.
2,5 0/0 bichromate of potash.

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125

3 %₀ Milling Yellow O.

126

3 %₀ Milling Red G.

127

3 %₀ Wool Red B.

128

3 %₀ Formyl Violet S4B.

129

3 %₀ Brilliant Milling Blue B.
pat.

130

3 %₀ Tetra Cyanole A.

131

3 %₀ Brilliant Milling Green B.

132

3 %₀ Diamine Scarlet B.

133

3 %₀ Diamine Scarlet 3B.

134

3 %₀ Diamine Fast Red F.
1,5 %₀ bichromate of potash.

135

1 %₀ Anthracene Chromate
Brown 3 G pat.
0,5 %₀ bichromate of potash.

136

3 %₀ Anthracene Chromate
Brown 3 G pat.
1,5 %₀ bichromate of potash.

137

0,75 %₀ Anthracene Chromate
Brown EB pat.
0,5 %₀ bichromate of potash.

138

2 %₀ Anthracene Chromate
Brown EB pat.
1,5 %₀ bichromate of potash.

139

1 %₀ Anthracene Chromate
Green B pat.
0,5 %₀ bichromate of potash.

140

3 %₀ Anthracene Chromate
Green B pat.
1,5 %₀ bichromate of potash.

141

3 %₀ Anthracene Yellow B N
on a chrome mordant.

142

3 %₀ Anthracene Yellow C
on a chrome mordant.

143

3 %₀ Anthracene Acid Brown
pat.
on a chrome mordant.

144

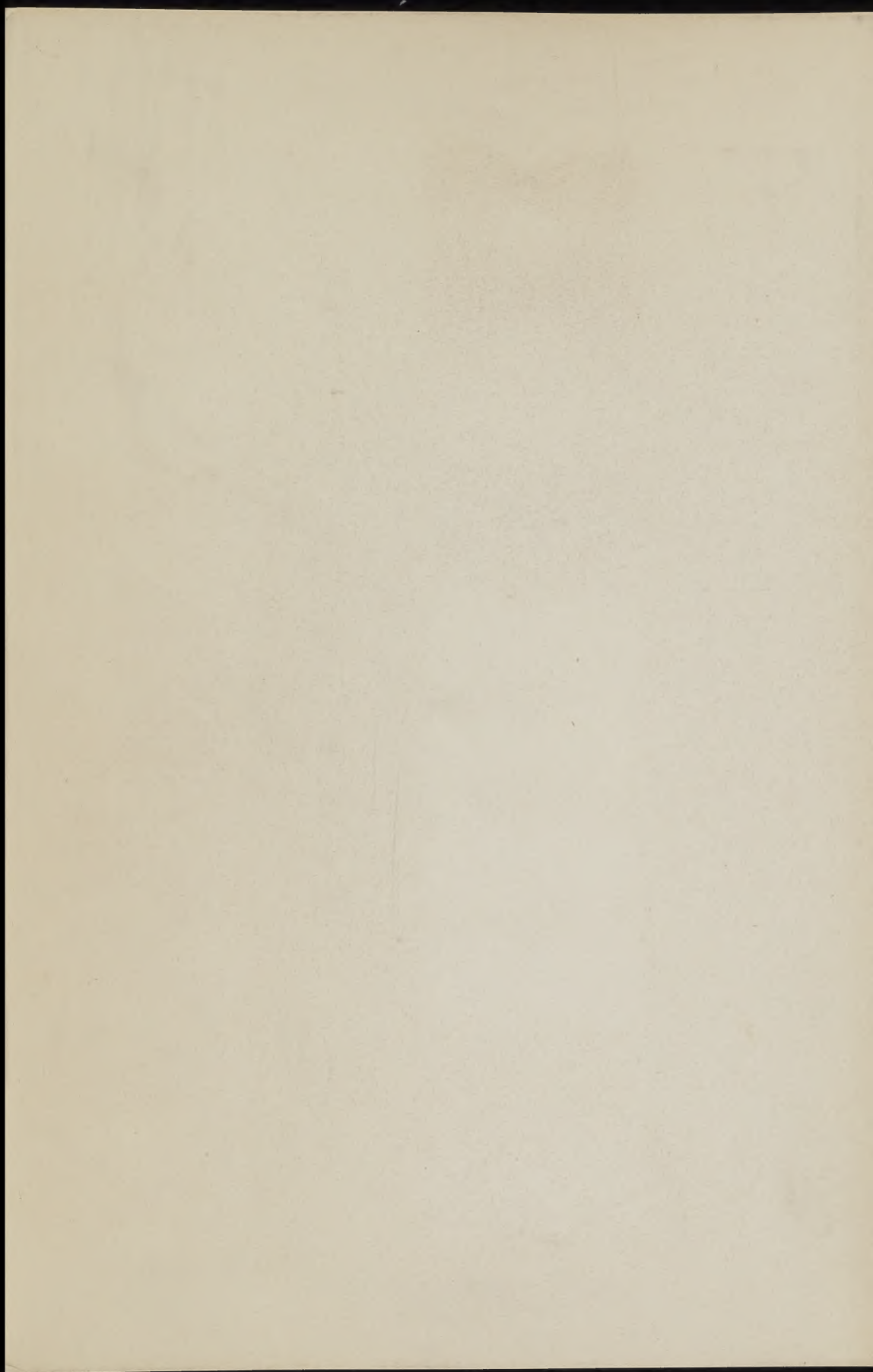
3 %₀ Anthracene Acid Brown M
pat.
on a chrome mordant.

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145	3 0/0 Anthracene Acid Brown F on a chrome mordant.	155	1 0/0 Anthracene Chrome Blue RRW extra pat. on a chrome mordant.
146	3 0/0 Anthracene Chrome Brown D pat. on a chrome mordant.	156	3 0/0 Anthracene Chrome Blue RRW extra pat. on a chrome mordant.
147	3 0/0 Anthracene Chrome Brown DW on a chrome mordant.	157	1 0/0 Anthracene Chrome Blue BW extra pat. on a chrome mordant.
148	3 0/0 Anthracene Chrome Brown SWN pat. on a chrome mordant.	158	3 0/0 Anthracene Chrome Blue BV extra pat. on a chrome mordant.
149	3 0/0 Anthracene Chrome Violet on a chrome mordant.	159	1 0/0 Anthracene Chrome Blue F pat. on a chrome mordant.
150	3 0/0 Anthracene Chrome Red A on a chrome mordant.	160	3 0/0 Anthracene Chrome Blue F pat. on a chrome mordant.
151	1 0/0 Anthracene Blue Black C pat. on a chrome mordant.	161	3 0/0 Anthracene Chrome Blue G pat. on a chrome mordant.
152	3 0/0 Anthracene Blue Black C pat. on a chrome mordant.	162	3 0/0 Anthracene Chrome Blue B pat. on a chrome mordant.
153	2 0/0 Anthracene Acid Blue 2 R pat. on a chrome mordant.	163	3 0/0 Anthracene Chrome Blue B pat. on a chrome mordant.
154	3 0/0 Anthracene Chrome Blue F pat. on a chrome mordant.	164	3 0/0 Anthracene Chrome Blue R pat. on a chrome mordant.

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